ZyXEL

- Wireless PCI Adapter with MIMO Technology
- Fully compliant with IEEE 802.11b and IEEE 802.11g
- Removable antenna for flexible deployment options
- Featuring MIMO Smart Antenna technology increasing coverage and performance
- Wi-Fi and WHQL certified for interoperability
- Enhanced wireless security with WEP and WPA
- Setup Wizard included for easy installation

WPA Security | 64/128bit WEP | Wi Fi CERTIFIED b g | Designed for Microsoft XP Windows 2000

802.11b/g
XtremeMIMO™
Wireless PCI Adapter

M-302

Enjoy 8x The Speed & Range At Your Finger Tips

Benefits

MIMO Technology

Desktop users who demand more range and performance from their network adapters can expect just that with the ZyXEL XtremeMIMO PCI Adapter M-302. Multiple and removable antennas make for flexible deployment options. Simply unscrew the removable antenna at the rear of the PCI Adapter and connect on any antenna of your choice. Boost your performance up to 8 times that of other regular network adapters with the M-302. Coupled with other ZyXEL XtremeMIMO products, performance can be boosted even more! No longer will 'dead-zones' be a factor with deployment with ZyXEL's XtremeMIMO solutions.

Flexible Deployment Options

The removable antenna at the rear of the ZyXEL XtremeMIMO M-302 gives users the option of attaching any antenna of their choice. Simply unscrew the included 5dBi antenna and affix one of your choice with standard SMA connection. Maximize your deployment with the ZyXEL M-302!

Increased Performance

Enjoy up to 8 times increased performance with the ZyXEL XtremeMIMO M-302. When your applications require high performance out of your network card, you can rely on the ZyXEL M-302. Applications such as Multimedia Streaming, VoIP, and Online Gaming are no problems with M-302 Super G mode allowing transfer speeds up to 108Mbps.

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Specifications

Standard Compliance	IEEE802.11b, IEEE802.11g
Application	Wireless Internet Access for Desktop PC
Frequency Range	802.11b/g: 2.4 ~ 2.4845GHz
Data Rate	802.11b: 11 / 5.5 / 2 / 1Mbps 802.11g: 108* / 54 / 48 / 36 / 24 / 18 / 12 / 9 / 6Mbps *with Super G Mode*
RF Output Power	802.11b: 18dBm @ 11Mbps 802.11g: 16dBm @ 54Mbps 16dBm @ 48Mbps 17dBm @ 36Mbps 18dBm @ 24~6Mbps
RF Receiving Sensitivity	802.11b: -84dBm @ 11Mbps 802.11g: -74dBm @ 54Mbps -75dBm @ 48Mbps -78dBm @ 36Mbps -80dBm @ 24Mbps -84dBm @ 18Mbps -86dBm @ 12Mbps -88dBm @ 9Mbps -89dBm @ 6Mbps
Modulation Technique	DSSS/OFDM
Network Architecture	Infrastructure & Ad-hoc
Security	64/128/256-WEP & WPA
Host Interface	32-bit PCI Interface
Antenna	2x External Antenna *1 removable* with SMA connection
System Requirements	Desktop PC with Pentium II 300Mhz or above CPU Minimum of 32MB of RAM *64MB Recommended Microsoft Windows XP/2000 Available PCI slot

FC

This product is designed for the 2.4 GHz WLAN network throughout the EC region

For more product information, visit us on the web www.US.ZyXEL.com

ZyXEL North America

Tel: +1-714-632-0882 • Fax: +1-714-632-0858 • Email: sales@zyxel.com • http://www.us.zyxel.com

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